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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/775,347	02/10/2004	Philip D. Nguyen	2003-IP-009585U1	1182
7590		01/29/2007		
Robert A. Kent				
Halliburton Energy Services				
2600 South 2nd Street				
Duncan, OK 73536-0440				
		EXAMINER		
		NILAND, PATRICK DENNIS		
		ART UNIT		
		PAPER NUMBER		
		1714		
SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE		
3 MONTHS	01/29/2007	PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

10/775,347

Applicant(s)

NGUYEN ET AL.

Examiner

Patrick D. Niland

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 27 October 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 12-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 12-17 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>See Continuation Sheet</u> . | 6) <input type="checkbox"/> Other: _____  |

Continuation of Attachment(s) 3). Information Disclosure Statement(s) (PTO/SB/08), Paper No(s)/Mail Date  
:9/06,5/06,2/06,8/05,7/05,6/05,4/05.

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1. The amendment of 10/27/06 has been entered. Claims 12-17 are pending.

2. Claims 12-17 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

A. There is not basis in the originally filed specification for the newly recited “by weight of the resin composition” with regard to the instantly claimed components. Pages 5-6, sections [014]-[018] of the originally filed specification are noted. Sections [014]-[016] recite “by weight of the overall resin composition” and sections [017]-[018] recite “by weight of the liquid hardening agent component”. It is not seen that the instantly claimed “by weight of the resin composition” is an equivalent to either of these basis found in the originally filed specification. There would appear to be a distinction between “by weight of the resin composition” and “by weight of the overall resin composition” in that “overall” may be taken as reading on everything in the composition and the claimed language of the instant claims may be taken as reading on only the resin components. There would appear to be a distinction between “by weight of the resin composition” and “by weight of the liquid hardening agent component” in that the instant claim language may be taken as reading on all of the resin components while “liquid hardening agent component” reads only on the liquid hardeners and the two may be distinct by many parameters. The recited claim language does not find support in the originally filed specification and is therefore new matter.

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3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 12-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Pat. No. 4785884 Armbruster in view of US Pat. No. 4042032 Anderson et al..

Armbruster discloses the instantly claimed compositions and amounts, except for the use of the instantly claimed amount of surfactant, at the abstract; column 3, lines 36-68; column 4, lines 1-68; column 5, lines 1-68, particularly 25-40 which falls within the scope of the instantly claimed silane coupling agent of claims 12 and 13, and 59-62 which falls within the scope of the instant claim 15; column 6, lines 1-68, particularly 3-16 which encompasses the solvents of the instant claims 16-17, 39-57 of which the amounts of lines 56-57 fall within the scope of those of the instantly claimed furfuryl alcohol and phenol amounts and imply the amount of the instantly claimed phenol formaldehyde, of which the instant claims do not exclude comonomers such as furfuryl alcohol from and lines 60-65 encompasses the instantly claimed amount of silane coupling agent; column 7, lines 1-46, particularly 29-34 which also encompasses the instantly claimed amount of silane coupling agent; and the remainder of the document. It would have been obvious to one of ordinary skill in the art at the time of the instantly claimed invention to use the instantly claimed amounts of surfactant of the instant claims 12 and 14 in the compositions of Armbruster because they are known to give the benefits disclosed in Anderson


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et al., column 6, lines 13-30 and the instantly claimed amounts of the surfactants of Anderson would have been expected to impart these benefits to the compositions of Armbruster.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Patrick D. Niland whose telephone number is 571-272-1121. The examiner can normally be reached on Monday to Thursday from 10 to 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vasu Jagannathan, can be reached on 571-272-1119. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Patrick D. Niland  
Primary Examiner  
Art Unit 1714